

of

**INFORMATION DISCLOSURE  
CITATION**

ATTY. DOCKET NO.

SERIAL NO.

3926-3

10/005,819

APPLICANT

FROGGATT

FILING DATE

TC/A.U.

December 14, 2001

2877



(Use several sheets if necessary)

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SAT	6,151,428	11/00	Vahala et al.			
↑	2002/0113972A1	8/02	Rosenfeldt et al.			
	5,173,743	12/92	Kim			
	<del>6,160,826</del>	<del>12/00</del>	<del>Swanson et al.</del>		PREVIOUSLY CITED	
	4,886,361	12/89	Furstenau			
	2002/0067487A1	6/02	Zhou et al.			
	2002/0025103A1	2/02	Thaniayvarn			
	2002/0176645A1	11/02	Wein et al.			
	5,307,197	4/94	Tanabe et al.			
	5,323,258	6/94	Tsushima et al.			
	5,469,455	11/95	Reitz et al.			
	6,330,375	11/01	Fishman et al.			
	6,538,787	3/03	Moeller et al.			
	5,459,599	10/95	Van Deventer			
	5,588,013	12/96	Reitz et al.			
	6,271,959	8/01	Kim et al.			
↓	6,385,358	5/02	Everett et al.			
SAT	5,844,235	12/98	Tachikawa et al.			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
SAT	6-34446	2/8/94	Japan		ABSTRACT
SAT	2001-41706	2/16/01	Japan		ABSTRACT
SAT	2001-91408	4/6/01	Japan		ABSTRACT

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

SAT	Full Complex Transmission and Reflection Characterization of a Bragg Grating in a Single Laser Sweep, Mark Froggatt.
SAT	Optical Frequency Domain Characterization of Dispersion in Optical Fiber Bragg Gratings, Mark Froggatt et al., pages 1-4.
SAT	A Coherent Optical Network Analyzer, A. Freundorfer, IEEE Transactions Photonics Technology Letters, Vol. 3, No. 12, Dec. 1991, pages 1139-1142.
SAT	Distributed Measurement of the Complex Modulation of a Photoinduced Bragg Grating in an Optical Fiber, Mark Froggatt et al., Applied Optics, Vol. 35, No. 25, Sept. 1, 1996, pages 5162-5164.
SAT	Distributed Measurement of Static Strain in an Optical Fiber with Multiple Bragg Gratings at Nominally Equal Wavelengths, Mark Froggatt et al., Applied Optics, April 1, 1998, Vol. 37, No. 10, pages 1741-1746.
SAT	High-Spatial-Resolution Distributed Strain Measurement in Optical Fiber with Rayleigh Scatter, Mark Froggatt et al., April 1, 1998, Vol. 37, No. 10, Applied Optics, pages 1735-1740.

\*Examiner

S.A. Tuan

9-16-04

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INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE	
SAT	4,718,120	1/88	Tzeng				
↑	5,986,784	11/99	Kersey et al.				
	<del>5,202,745</del>	<del>4/93</del>	<del>Sorin et al.</del>	PREVIOUSLY		CITGO	
	5,268,741	12/93	Chou et al.				
	6,426,496	7/02	Froggatt et al.				
	6,545,760	4/03	Froggatt et al.				
	6,566,648	5/03	Froggatt				
	6,606,158	8/03	Rosenfeldt et al.				
	<del>6,376,830</del>	<del>4/02</del>	<del>Froggatt et al.</del>	PREVIOUSLY		CITGO	
	5,798,521	8/98	Froggatt.				
	6,008,487	12/99	Tachikawa et al.				
↓	6,111,676	8/00	Lemus et al.				
	SAT 4,397,551	8/83	Bage et al.				

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS** (including Author, Title, Date, Pertinent pages, etc.)

<i>SAT</i>	Coherent Frequency-Domain Reflectometry for Characterization of Single-Mode Integrated-optical Waveguides, U. Glombitza et al, Journal of Lightwave Technology, Vol. 11 No. 8, 8/1993, pages 1377-1384.
<i>SAT</i>	Sensitive Collinear Laser Spectroscopy on Fast Atom and Ion Beams, H. K. Carter, pages 60-64.
<i>SAT</i>	The Vibrational Predissociation Lifetime of the HF Dimer Upon Exciting the "free-H" Stretching Vibration, Huang et al., J. Chem. Phys. 85(6), 9/15/86, pages 3338-3341.
<i>SAT</i>	Tunable Diode Laser Spectroscopy: an Invited Review, Eng. et al., Optical Engineering, Nov./December 1980, Vol. 19, No. 6, pages 945-959.
<i>SAT</i>	Sub-Doppler Resolution Infrared Spectroscopy of the Acetylene Dimer: A Direct Measurement of the Predissociation Lifetime, Miller et al., J. Chem. Phys., Vol. 80, No. 11, June 1, 1984, pages 5453-5457,
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**\*Examiner**

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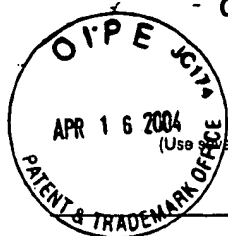
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SAT	5,078,511	1/92	Noll et al.				
↑	5,313,266	5/94	Keolian et al.				
	5,457,563	10/95	Van Deventer				
	4,506,388	3/85	Monerie et al.				
	6,587,214	7/03	Munks				
	4,817,101	3/89	Wyeth				
	6,008,487	12/99	Tachikawa				
	<del>5,896,193</del>	<del>4/99</del>	<del>Colbourne</del>	PREVIOUSLY	CITED		
	<del>6,061,124</del>	<del>5/2000</del>	<del>Nyman et al.</del>	PREVIOUSLY	CITED		
	<del>6,359,685</del>	<del>3/02</del>	<del>Colbourne et al.</del>	PREVIOUSLY	CITED		
	6,552,782	4/03	Colbourne et al.				
	<del>4,241,997</del>	<del>12/80</del>	<del>Chaplyvy</del>	PREVIOUSLY	CITED		
	4,410,273	10/83	Mantz				
SAT	4,070,111	1/78	Harrick				

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					YES	NO

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SAT	Intermode Calibration of Diode-Laser Spectra Using Tandem Etalons, D. Jennings, Applied Optics, Vol. 19, No. 1, Jan. 1, 1980, pages 2-4.
SAT	Absorption Spectroscopy with Lasers, Chemical Analysis, Vol. 50, Wiley.
SAT	Chemical Analysis, Vol. 87, Analytical Applications of Lasers, Infrared Absorption Spectroscopy,
SAT	The Infrared Spectra of $^{12}\text{C}^{32}\text{S}$ , $^{12}\text{C}^{34}\text{S}$ , $^{13}\text{C}^{32}\text{S}$ , and $^{12}\text{C}^{33}\text{S}$ , Journal of Molecular Spectroscopy, Terry Todd et al., pages 190-202, 1979.
SAT	Infrared diode laser Double-Beam Spectrometer, Applied Optics, Dubs et al., Nov. 15, 1978, Vol. 17, No. 22, pages 3593-3597.
SAT	Wavelength Calibration of Tunable Diode Lasers Using Etalons, Flicker et al., Applied Optics, March 15, 1978, Vol. 17, No. 6, pages 851-852.
SAT	Tunable Diode Laser Spectroscopy in the Infrared: Some Practical Considerations of Techniques and Calibration with $\text{V}_2$ Lines of HCN, Reddy et al., Applied Optics, Vol. 18, No. 9, May 1, 1979, pages 1350-1354.

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S.A. Turner

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